IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A ~~header structure of a packet, which is transferred~~ packet signal for use in a packet communication network for transmitting a packet to a mobile terminal through ~~a~~ the packet communication network that includes a plurality of routers inclusive of communication routers configured to communicate with mobile terminals through radio, comprising ~~information about conditions of destination mobile terminals for which said packet is destined, said information serving as indication of destination~~ destination information configured to identify a packet destination by a state of a mobile terminal for transmission of the packet to any number of mobile terminals which are in agreement with said state of a mobile terminal.

Claim 2 (Currently Amended): The ~~header structure~~ packet signal as claimed in claim 1, wherein said destination information specifies conditions of movement of ~~the destination mobile terminals~~ a mobile terminal.

Claim 3 (Currently Amended): The ~~header structure~~ packet signal as claimed in claim 2, wherein said destination information specifies speed of ~~the destination mobile terminals~~ a mobile terminal.

Claim 4 (Currently Amended): The ~~header structure~~ packet signal as claimed in claim 3, wherein said speed is specified as a single speed.

Claim 5 (Currently Amended): The ~~header structure~~ packet signal as claimed in claim 3, wherein said speed is specified as a plurality of speeds.

Claim 6 (Currently Amended): The ~~header structure~~ packet signal as claimed in claim 3, wherein said speed is specified as a range of speed.

Claim 7 (Currently Amended): A method of controlling packet transfer when packets are transferred to mobile terminals through a packet communication network that includes a plurality of routers inclusive of communication routers configured to communicate with mobile terminals through radio, comprising the steps of:

making any given one of the communication routers keep track of information about conditions of mobile terminals that can communicate with and send said information to said any given one of the communication routers; and

making each of the routers transfer a packet to other routers after checking destination information when the packet, traveling through the packet communication network, includes information identifying a packet destination by a state of a mobile terminal for transmission of the packet to any number of mobile terminals which are in agreement with the state of a mobile terminal ~~about the conditions of mobile terminals stored as the destination information in a header portion thereof~~;

making the communication routers transfer the packet through radio to mobile stations that can communicate with the communication routers if the information ~~about the conditions of mobile terminals~~ identifying a packet destination stored ~~as the destination information~~ in the header portion of the packet matches the information about the conditions of mobile terminals kept track of by the communication routers.

Claim 8 (Currently Amended): The method of controlling packet transfer as claimed in claim 7, wherein the information identifying a packet destination ~~about the conditions of~~

~~mobile terminals kept track of by the communication routers and the information about the conditions of mobile terminals stored as the destination information~~ in the header portion of the packet ~~are~~ is information about movement of a mobile ~~terminals~~ terminal.

Claim 9 (Currently Amended): The method of controlling packet transfer ~~as claimed in claim 8,~~ when packets are transferred to mobile terminals through a packet communication network that includes a plurality of routers inclusive of communication routers configured to communicate with mobile terminals through radio, comprising the steps of:

making any given one of the communication routers keep track of information about conditions of mobile terminals that can communicate with and send said information to said any given one of the communication routers; and

making each of the routers transfer a packet to other routers after checking destination information when the packet, traveling through the packet communication network, includes information about the conditions of mobile terminals stored as the destination information in a header portion thereof; and

making the communication routers transfer the packet through radio to mobile stations that can communicate with the communication routers if the information about the conditions of mobile terminals stored as the destination information in the header portion of the packet matches the information about the conditions of mobile terminals kept track of by the communication routers, wherein

the information about the conditions of mobile terminals kept track of by the communication routers and the information about the conditions of mobile terminals stored as the destination information in the header portion of the packet are information about movement of mobile terminals, and

the information about movement of a mobile ~~terminals~~ terminal specifies speed of a mobile ~~terminals~~ terminal.

Claim 10 (Currently Amended): The ~~header structure~~ method as claimed in claim 9, wherein said speed is specified as a single speed.

Claim 11 (Currently Amended): The ~~header structure~~ method as claimed in claim 9, wherein said speed is specified as a plurality of speeds.

Claim 12 (Currently Amended): The ~~header structure~~ method as claimed in claim 9, wherein said speed is specified as a range of speed.

Claim 13 (New): A method of creating a packet, which is transferred to a mobile terminal through a packet communication network that includes a plurality of routers inclusive of communication routers configured to communicate with mobile terminals through radio, comprising the steps of:

specifying a destination of the packet by a state of a mobile terminal; and

generating a packet inclusive of information identifying the destination of the packet by the state of a mobile terminal for transmission to any number of mobile terminals which are in agreement with the state of a mobile terminal.